CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
60.00	90.00	1	30.00	9.00	9.20	9.10		273.00	
90.00	120.00	1	30.00	9.20	9.10	9.15		274.50	
120.00	150.00	1	30.00	9.10	9.00	9.05		271.50	
150.00	180.00	1	30.00	9.00	9.00	9.00		270.00	
180.00	210.00	1	30.00	9.00	9.20	9.10		273.00	
210.00	240.00	1	30.00	9.20	9.40	9.30		279.00	
240.00	270.00	1	30.00	9.40	9.60	9.50		285.00	
270.00	300.00	1	30.00	9.60	9.00	9.30		279.00	
300.00	327.00	1	27.00	9.00	9.00	9.00		243.00	
							Total Qty Work Done	18858.51	Sqm
							Qty Payable in this bill	18858.51	Sqm

Kaccel: 8N
21/6/22
25/6/22
30/6/22
23/7/22

Assistant Engineer
Ward No. 12
BBMP-Bengaluru

Kaccel: 8N

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

e of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR at of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and ahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

First and Part

Item No:	19
Item Name:	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.- do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll Cum (50 mm to 75 mm) with 4.5 % VG-30 Bitumen

	CHAINAGE / Land Mark		NO's	L (m)	B1 (m)	B2 (m)	AvgB (m)	D (m)	QTY	REMARKS
BM										
Chikksandra (Asphalt Road)										
1st Cross Road										
From Byralingappa Main Road (1)	0.00	30.00	1	30.00	4.50	4.60	4.55	0.05	6.83	
	30.00	60.00	1	30.00	4.60	4.50	4.55	0.05	6.83	
	60.00	86.00	1	26.00	4.50	4.50	4.50	0.05	5.85	
2nd Cross Road										
From Byralingappa Main Road (2)	0.00	30.00	1	30.00	4.40	4.50	4.45	0.05	6.68	
	30.00	60.00	1	30.00	4.50	4.60	4.55	0.05	6.83	
	60.00	90.00	1	30.00	4.60	5.00	4.80	0.05	7.20	
	90.00	110.00	1	20.00	5.00	5.80	5.40	0.05	5.40	
3rd Cross Road										
From Byralingappa Main Road (3)	0.00	30.00	1	30.00	5.20	5.20	5.20	0.05	7.80	
	30.00	60.00	1	30.00	5.20	5.10	5.15	0.05	7.73	
	60.00	90.00	1	30.00	5.10	5.20	5.15	0.05	7.73	
	90.00	120.00	1	30.00	5.20	5.20	5.20	0.05	7.80	
	120.00	141.00	1	21.00	5.20	5.10	5.15	0.05	5.41	
Connecting Road (Temple Road)										
From 3rd to 6th Cross Road (4)	0.00	30.00	1	30.00	5.50	5.60	5.55	0.05	8.33	
	30.00	60.00	1	30.00	5.60	5.50	5.55	0.05	8.33	
	60.00	90.00	1	30.00	5.50	5.80	5.65	0.05	8.48	
	90.00	105.00	1	15.00	5.80	5.50	5.65	0.05	4.24	
4th Cross Road										
From Byralingappa Main Road (7)	0.00	30.00	1	30.00	4.80	4.60	4.70	0.05	7.05	
	30.00	60.00	1	30.00	4.60	4.50	4.55	0.05	6.83	
	60.00	90.00	1	30.00	4.50	4.40	4.45	0.05	6.68	
	90.00	111.00	1	21.00	4.40	4.40	4.40	0.05	4.62	
5th Cross Road										
From Temple Road (6)	0.00	30.00	1	30.00	5.40	5.50	5.45	0.05	8.18	
	30.00	60.00	1	30.00	5.50	5.50	5.50	0.05	8.25	
	60.00	90.00	1	30.00	5.50	5.60	5.55	0.05	8.33	
	90.00	117.00	1	27.00	5.60	5.60	5.60	0.05	7.56	
6th Cross Road										
From (5)	0.00	30.00	1	30.00	5.60	5.60	5.60	0.05	8.40	

	CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
ingappa ain Road	30.00	60.00	1	30.00	5.60	5.80	5.70	0.05	8.55	
	60.00	90.00	1	30.00	5.80	6.00	5.90	0.05	8.85	
	90.00	120.00	1	30.00	6.00	6.40	6.20	0.05	9.30	
7th Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	5.70	6.10	5.90	0.05	8.85	
	30.00	60.00	1	30.00	6.10	6.10	6.10	0.05	9.15	
	60.00	90.00	1	30.00	6.10	6.20	6.15	0.05	9.23	
	90.00	120.00	1	30.00	6.20	6.00	6.10	0.05	9.15	
	120.00	150.00	1	30.00	6.00	5.60	5.80	0.05	8.70	
	150.00	154.00	1	4.00	5.60	5.55	5.58	0.05	1.12	
10th Cross Road										
From Sapthagiri Main Road	0.00	30.00	1	30.00	4.60	4.80	4.70	0.05	7.05	
	30.00	60.00	1	30.00	4.80	5.10	4.95	0.05	7.43	
	60.00	90.00	1	30.00	5.10	5.00	5.05	0.05	7.58	
	90.00	120.00	1	30.00	5.00	5.10	5.05	0.05	7.58	
	120.00	150.00	1	30.00	5.10	5.00	5.05	0.05	7.58	
	150.00	180.00	1	30.00	5.00	4.80	4.90	0.05	7.35	
	180.00	210.00	1	30.00	4.80	4.80	4.80	0.05	7.20	
	210.00	224.00	1	14.00	4.80	4.70	4.75	0.05	3.33	
2nd Main Road										
From 8th Cross Road	0.00	30.00	1	30.00	6.90	7.20	7.05	0.05	10.58	
	30.00	38.00	1	8.00	7.20	7.40	7.30	0.05	2.92	
Parking Area	0.00	2.00	1	2.00	13.90	13.00	13.45	0.05	1.35	
Towards Aparatment	0.00	30.00	1	30.00	6.20	6.40	6.30	0.05	9.45	
	30.00	60.00	1	30.00	6.40	6.00	6.20	0.05	9.30	
5th Cross Road										
From 2nd Main Road	0.00	30.00	1	30.00	4.10	4.20	4.15	0.05	6.23	
		37.60		7.60	4.2	4.1				
4th Cross Road										
From 2nd Main Road	0.00	30.00	1	30.00	4.10	4.20	4.15	0.05	6.23	
	30.00	60.00	1	30.00	4.20	4.50	4.35	0.05	6.53	
	60.00	64.00	1	4.00	4.50	4.50	4.50	0.05	0.90	
4th Cross Road (LHS)										
From 4th Cross Road	0.00	23.00	1	23.00	4.10	3.90	4.00	0.05	4.60	
Diamond Enclave Front Road										
From 2nd Main Road	0.00	30.00	1	30.00	3.70	4.00	3.85	0.05	5.78	
	30.00	36.80	1	6.80	4.00	4.40	4.20	0.05	1.43	
1st Cross Road										
From Sapthagiri Main Road	0.00	30.00	1	30.00	5.60	5.50	5.55	0.05	8.33	
	30.00	60.00	1	30.00	5.50	5.60	5.55	0.05	8.33	
	60.00	90.00	1	30.00	5.60	5.60	5.60	0.05	8.40	
2nd Cross Road										
From Sapthagiri Main Road	0.00	30.00	1	30.00	5.50	5.50	5.50	0.05	8.25	
	30.00	60.00	1	30.00	5.50	5.60	5.55	0.05	8.33	
	60.00	90.00	1	30.00	5.60	5.60	5.60	0.05	8.40	

CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
90.00	115.00	1	25.00	5.60	5.50	5.55	0.05	6.94	
3rd Cross Road									
0.00	30.00	1	30.00	5.60	5.50	5.55	0.05	8.33	
30.00	60.00	1	30.00	5.50	5.60	5.55	0.05	8.33	
60.00	90.00	1	30.00	5.60	5.40	5.50	0.05	8.25	
90.00	116.00	1	26.00	5.40	5.30	5.35	0.05	6.96	
5th Cross Road									
0.00	30.00	1	30.00	5.80	5.60	5.70	0.05	8.55	
30.00	60.00	1	30.00	5.60	5.50	5.55	0.05	8.33	
60.00	90.00	1	30.00	5.50	5.50	5.50	0.05	8.25	
90.00	115.00	1	25.00	5.50	5.60	5.55	0.05	6.94	
5th A Cross Road									
0.00	30.00	1	30.00	5.80	5.60	5.70	0.05	8.55	
7th Cross Road									
0.00	30.00	1	30.00	5.00	4.90	4.95	0.05	7.43	
30.00	60.00	1	30.00	4.90	4.80	4.85	0.05	7.28	
60.00	90.00	1	30.00	4.80	5.00	4.90	0.05	7.35	
90.00	97.00	1	7.00	5.00	5.10	5.05	0.05	1.77	
Chef Bakers Road									
0.00	30.00	1	30.00	5.80	6.00	5.90	0.05	8.85	
30.00	60.00	1	30.00	6.00	6.00	6.00	0.05	9.00	
60.00	90.00	1	30.00	6.00	6.10	6.05	0.05	9.08	
90.00	103.00	1	13.00	6.10	6.20	6.15	0.05	4.00	
10th A Main (AGB Layout)									
0.00	30.00	1	30.00	6.00	6.50	6.25	0.05	9.38	
30.00	60.00	1	30.00	6.50	7.40	6.95	0.05	10.43	
60.00	90.00	1	30.00	7.40	7.40	7.40	0.05	11.10	
90.00	120.00	1	30.00	7.40	6.70	7.05	0.05	10.58	
120.00	150.00	1	30.00	6.70	7.10	6.90	0.05	10.35	
150.00	180.00	1	30.00	7.10	7.10	7.10	0.05	10.65	
180.00	210.00	1	30.00	7.10	7.00	7.05	0.05	10.58	
13th Cross Road ChikkSandra									
0.00	30.00	1	30.00	5.80	6.50	6.15	0.05	9.23	
30.00	60.00	1	30.00	6.50	6.30	6.40	0.05	9.60	
60.00	90.00	1	30.00	6.30	6.90	6.60	0.05	9.90	
90.00	120.00	1	30.00	6.90	7.10	7.00	0.05	10.50	
120.00	150.00	1	30.00	7.10	7.00	7.05	0.05	10.58	
150.00	180.00	1	30.00	7.00	6.80	6.90	0.05	10.35	
180.00	210.00	1	30.00	6.80	6.80	6.80	0.05	10.20	
210.00	213.00	1	3.00	6.80	6.70	6.75	0.05	1.01	
1st Main Road									
0.00	30.00	1	30.00	7.40	7.20	7.30	0.05	10.95	
30.00	60.00	1	30.00	7.20	7.20	7.20	0.05	10.80	
60.00	90.00	1	30.00	7.20	7.50	7.35	0.05	11.03	
90.00	120.00	1	30.00	7.50	8.00	7.75	0.05	11.63	
120.00	150.00	1	30.00	8.00	8.10	8.05	0.05	12.08	
150.00	180.00	1	30.00	8.10	8.20	8.15	0.05	12.23	
180.00	210.00	1	30.00	8.20	8.30	8.25	0.05	12.38	
210.00	240.00	1	30.00	8.30	8.20	8.25	0.05	12.38	

	CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	240.00	242.00	1	2.00	8.20	8.00	8.10	0.05	0.81	
	AGB Layout Main Road									
From Agb Layout	0.00	30.00	1	30.00	9.00	9.10	9.05	0.05	13.58	
	30.00	60.00	1	30.00	9.10	9.00	9.05	0.05	13.58	
	60.00	90.00	1	30.00	9.00	9.20	9.10	0.05	13.65	
	90.00	120.00	1	30.00	9.20	9.10	9.15	0.05	13.73	
	120.00	150.00	1	30.00	9.10	9.00	9.05	0.05	13.58	
	150.00	180.00	1	30.00	9.00	9.00	9.00	0.05	13.50	
	180.00	210.00	1	30.00	9.00	9.20	9.10	0.05	13.65	
	210.00	240.00	1	30.00	9.20	9.40	9.30	0.05	13.95	
	240.00	270.00	1	30.00	9.40	9.60	9.50	0.05	14.25	
	270.00	300.00	1	30.00	9.60	9.00	9.30	0.05	13.95	
	300.00	327.00	1	27.00	9.00	9.00	9.00	0.05	12.15	
									Total Qty Work Done	**942.93** Cum
									Qty Payable in this bill	**942.93** Cum

21/6/22
25/6/22
30/6/22
23/7/22

Assistant Engineer
Ward No. 12
BBMP-Bengaluru

Assistant Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

First and Part

Item No:	**20**
Item Name:	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.

	CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
Tack Coat										
Chikksandra (Asphalt Road)										
1st Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	4.50	4.60	4.55		136.50	
	30.00	60.00	1	30.00	4.60	4.50	4.55		136.50	
	60.00	86.00	1	26.00	4.50	4.50	4.50		117.00	
2nd Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	4.40	4.50	4.45		133.50	
	30.00	60.00	1	30.00	4.50	4.60	4.55		136.50	
	60.00	90.00	1	30.00	4.60	5.00	4.80		144.00	
	90.00	110.00	1	20.00	5.00	5.80	5.40		108.00	
3rd Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	5.20	5.20	5.20		156.00	
	30.00	60.00	1	30.00	5.20	5.10	5.15		154.50	
	60.00	90.00	1	30.00	5.10	5.20	5.15		154.50	
	90.00	120.00	1	30.00	5.20	5.20	5.20		156.00	
	120.00	141.00	1	21.00	5.20	5.10	5.15		108.15	
Connecting Road (Temple Road)										
From 3rd to 6th Cross Road	0.00	30.00	1	30.00	5.50	5.60	5.55		166.50	
	30.00	60.00	1	30.00	5.60	5.50	5.55		166.50	
	60.00	90.00	1	30.00	5.50	5.80	5.65		169.50	
	90.00	105.00	1	15.00	5.80	5.50	5.65		84.75	
4th Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	4.80	4.60	4.70		141.00	
	30.00	60.00	1	30.00	4.60	4.50	4.55		136.50	
	60.00	90.00	1	30.00	4.50	4.40	4.45		133.50	
	90.00	111.00	1	21.00	4.40	4.40	4.40		92.40	
5th Cross Road										
From Temple Road	0.00	30.00	1	30.00	5.40	5.50	5.45		163.50	
	30.00	60.00	1	30.00	5.50	5.50	5.50		165.00	
	60.00	90.00	1	30.00	5.50	5.60	5.55		166.50	
	90.00	117.00	1	27.00	5.60	5.60	5.60		151.20	
6th Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	5.60	5.60	5.60		168.00	
	30.00	60.00	1	30.00	5.60	5.80	5.70		171.00	
	60.00	90.00	1	30.00	5.80	6.00	5.90		177.00	
	90.00	120.00	1	30.00	6.00	6.40	6.20		186.00	
7th Cross Road										

	CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
From yralingappa Main Road	0.00	30.00	1	30.00	5.70	6.10	5.90		177.00	
	30.00	60.00	1	30.00	6.10	6.10	6.10		183.00	
	60.00	90.00	1	30.00	6.10	6.20	6.15		184.50	
	90.00	120.00	1	30.00	6.20	6.00	6.10		183.00	
	120.00	150.00	1	30.00	6.00	5.60	5.80		174.00	
	150.00	154.00	1	4.00	5.60	5.55	5.58		22.30	
10th Cross Road										
From Sapthagiri Main Road	0.00	30.00	1	30.00	4.60	4.80	4.70		141.00	
	30.00	60.00	1	30.00	4.80	5.10	4.95		148.50	
	60.00	90.00	1	30.00	5.10	5.00	5.05		151.50	
	90.00	120.00	1	30.00	5.00	5.10	5.05		151.50	
	120.00	150.00	1	30.00	5.10	5.00	5.05		151.50	
	150.00	180.00	1	30.00	5.00	4.80	4.90		147.00	
	180.00	210.00	1	30.00	4.80	4.80	4.80		144.00	
	210.00	224.00	1	14.00	4.80	4.70	4.75		66.50	
2nd Main Road										
From 8th Cross Road	0.00	30.00	1	30.00	6.90	7.20	7.05		211.50	
	30.00	38.00	1	8.00	7.20	7.40	7.30		58.40	
Parking Area	0.00	2.00	1	2.00	13.90	13.00	13.45		26.90	
Towards Aparatment	0.00	30.00	1	30.00	6.20	6.40	6.30		189.00	
	30.00	60.00	1	30.00	6.40	6.00	6.20		186.00	
5th Cross Road										
From 2nd Main Road	0.00	30.00	1	30.00	4.10	4.20	4.15		124.50	
4th Cross Road										
From 2nd Main Road	0.00	30.00	1	30.00	4.10	4.20	4.15		124.50	
	30.00	60.00	1	30.00	4.20	4.50	4.35		130.50	
	60.00	64.00	1	4.00	4.50	4.50	4.50		18.00	
4th Cross Road (LHS)										
From 4th Cross Road	0.00	23.00	1	23.00	4.10	3.90	4.00		92.00	
Diamond Enclave Front Road										
From 2nd Main Road	0.00	30.00	1	30.00	3.70	4.00	3.85		115.50	
	30.00	36.80	1	6.80	4.00	4.40	4.20		28.56	
1st Cross Road										
From Sapthagiri Main Road	0.00	30.00	1	30.00	5.60	5.50	5.55		166.50	
	30.00	60.00	1	30.00	5.50	5.60	5.55		166.50	
	60.00	90.00	1	30.00	5.60	5.60	5.60		168.00	
2nd Cross Road										
From Sapthagiri Main Road	0.00	30.00	1	30.00	5.50	5.50	5.50		165.00	
	30.00	60.00	1	30.00	5.50	5.60	5.55		166.50	
	60.00	90.00	1	30.00	5.60	5.60	5.60		168.00	
	90.00	115.00	1	25.00	5.60	5.50	5.55		138.75	
3rd Cross Road										
From Sapthagiri Main Road	0.00	30.00	1	30.00	5.60	5.50	5.55		166.50	
	30.00	60.00	1	30.00	5.50	5.60	5.55		166.50	
	60.00	90.00	1	30.00	5.60	5.40	5.50		165.00	
	90.00	116.00	1	26.00	5.40	5.30	5.35		139.10	

	CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
5th Cross Road										
om Sapthagiri Main Road	0.00	30.00	1	30.00	5.80	5.60	5.70		171.00	
	30.00	60.00	1	30.00	5.60	5.50	5.55		166.50	
	60.00	90.00	1	30.00	5.50	5.50	5.50		165.00	
	90.00	115.00	1	25.00	5.50	5.60	5.55		138.75	
5th A Cross Road										
From 5th Cross	0.00	30.00	1	30.00	5.80	5.60	5.70		171.00	
7th Cross Road										
From Sapthagiri Main Road	0.00	30.00	1	30.00	5.00	4.90	4.95		148.50	
	30.00	60.00	1	30.00	4.90	4.80	4.85		145.50	
	60.00	90.00	1	30.00	4.80	5.00	4.90		147.00	
	90.00	97.00	1	7.00	5.00	5.10	5.05		35.35	
Chef Bakers Road										
From Hesaragatta Road	0.00	30.00	1	30.00	5.80	6.00	5.90		177.00	
	30.00	60.00	1	30.00	6.00	6.00	6.00		180.00	
	60.00	90.00	1	30.00	6.00	6.10	6.05		181.50	
	90.00	103.00	1	13.00	6.10	6.20	6.15		79.95	
10th A Main (AGB Layout)										
From Hesaragatta Road	0.00	30.00	1	30.00	6.00	6.50	6.25		187.50	
	30.00	60.00	1	30.00	6.50	7.40	6.95		208.50	
	60.00	90.00	1	30.00	7.40	7.40	7.40		222.00	
	90.00	120.00	1	30.00	7.40	6.70	7.05		211.50	
	120.00	150.00	1	30.00	6.70	7.10	6.90		207.00	
	150.00	180.00	1	30.00	7.10	7.10	7.10		213.00	
	180.00	210.00	1	30.00	7.10	7.00	7.05		211.50	
13th Cross Road ChikkSandra										
From Sapthagiri Main Road	0.00	30.00	1	30.00	5.80	6.50	6.15		184.50	
	30.00	60.00	1	30.00	6.50	6.30	6.40		192.00	
	60.00	90.00	1	30.00	6.30	6.90	6.60		198.00	
	90.00	120.00	1	30.00	6.90	7.10	7.00		210.00	
	120.00	150.00	1	30.00	7.10	7.00	7.05		211.50	
	150.00	180.00	1	30.00	7.00	6.80	6.90		207.00	
	180.00	210.00	1	30.00	6.80	6.80	6.80		204.00	
	210.00	213.00	1	3.00	6.80	6.70	6.75		20.25	
1st Main Road										
From 13th Cross Road	0.00	30.00	1	30.00	7.40	7.20	7.30		219.00	
	30.00	60.00	1	30.00	7.20	7.20	7.20		216.00	
	60.00	90.00	1	30.00	7.20	7.50	7.35		220.50	
	90.00	120.00	1	30.00	7.50	8.00	7.75		232.50	
	120.00	150.00	1	30.00	8.00	8.10	8.05		241.50	
	150.00	180.00	1	30.00	8.10	8.20	8.15		244.50	
	180.00	210.00	1	30.00	8.20	8.30	8.25		247.50	
	210.00	240.00	1	30.00	8.30	8.20	8.25		247.50	
	240.00	242.00	1	2.00	8.20	8.00	8.10		16.20	
AGB Layout Main Road										
From Agb Layout	0.00	30.00	1	30.00	9.00	9.10	9.05		271.50	
	30.00	60.00	1	30.00	9.10	9.00	9.05		271.50	
	60.00	90.00	1	30.00	9.00	9.20	9.10		273.00	
	90.00	120.00	1	30.00	9.20	9.10	9.15		274.50	
	120.00	150.00	1	30.00	9.10	9.00	9.05		271.50	
	150.00	180.00	1	30.00	9.00	9.00	9.00		270.00	

CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
180.00	210.00	1	30.00	9.00	9.20	9.10		273.00	
210.00	240.00	1	30.00	9.20	9.40	9.30		279.00	
240.00	270.00	1	30.00	9.40	9.60	9.50		285.00	
270.00	300.00	1	30.00	9.60	9.00	9.30		279.00	
300.00	327.00	1	27.00	9.00	9.00	9.00		243.00	
							Total Qty Work Done	18858.51	Sqm
							Qty Payable in this bill	18858.51	Sqm

Assistant Engineer
Ward No. 12
BBMP-Bengaluru

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

ne of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR yout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and edahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Measurement Sheet

First and Part

Item No:	**21**
Item Name:	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.- do - using 40-60 TPH capacity HMP with mechanical paver grading II Cum (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of

	CHAINAGE / Land Mark		NO's	L (m)	B1 (m)	B2 (m)	AvgB (m)	D (m)	QTY	REMARKS
BC										
Chikksandra (Asphalt Road)										
1st Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	4.50	4.60	4.55	0.03	4.10	
	30.00	60.00	1	30.00	4.60	4.50	4.55	0.03	4.10	
	60.00	86.00	1	26.00	4.50	4.50	4.50	0.03	3.51	
2nd Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	4.40	4.50	4.45	0.03	4.01	
	30.00	60.00	1	30.00	4.50	4.60	4.55	0.03	4.10	
	60.00	90.00	1	30.00	4.60	5.00	4.80	0.03	4.32	
	90.00	110.00	1	20.00	5.00	5.80	5.40	0.03	3.24	
3rd Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	5.20	5.20	5.20	0.03	4.68	
	30.00	60.00	1	30.00	5.20	5.10	5.15	0.03	4.64	
	60.00	90.00	1	30.00	5.10	5.20	5.15	0.03	4.64	
	90.00	120.00	1	30.00	5.20	5.20	5.20	0.03	4.68	
	120.00	141.00	1	21.00	5.20	5.10	5.15	0.03	3.24	
Connecting Road (Temple Road)										
From 3rd to 6th Cross Road	0.00	30.00	1	30.00	5.50	5.60	5.55	0.03	5.00	
	30.00	60.00	1	30.00	5.60	5.50	5.55	0.03	5.00	
	60.00	90.00	1	30.00	5.50	5.80	5.65	0.03	5.09	
	90.00	105.00	1	15.00	5.80	5.50	5.65	0.03	2.54	
4th Cross Road										
From Byralingappa Main Road	0.00	30.00	1	30.00	4.80	4.60	4.70	0.03	4.23	
	30.00	60.00	1	30.00	4.60	4.50	4.55	0.03	4.10	
	60.00	90.00	1	30.00	4.50	4.40	4.45	0.03	4.01	
	90.00	111.00	1	21.00	4.40	4.40	4.40	0.03	2.77	
5th Cross Road										
From Temple Road	0.00	30.00	1	30.00	5.40	5.50	5.45	0.03	4.91	
	30.00	60.00	1	30.00	5.50	5.50	5.50	0.03	4.95	
	60.00	90.00	1	30.00	5.50	5.60	5.55	0.03	5.00	
	90.00	117.00	1	27.00	5.60	5.60	5.60	0.03	4.54	
6th Cross Road										